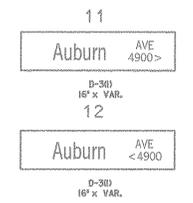
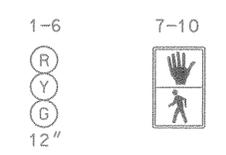


MD 187 IS ASSUMED TO RUN IN THE NORTH/SOUTH DIRECTION

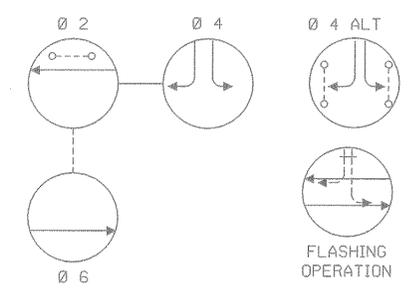
SIGNS



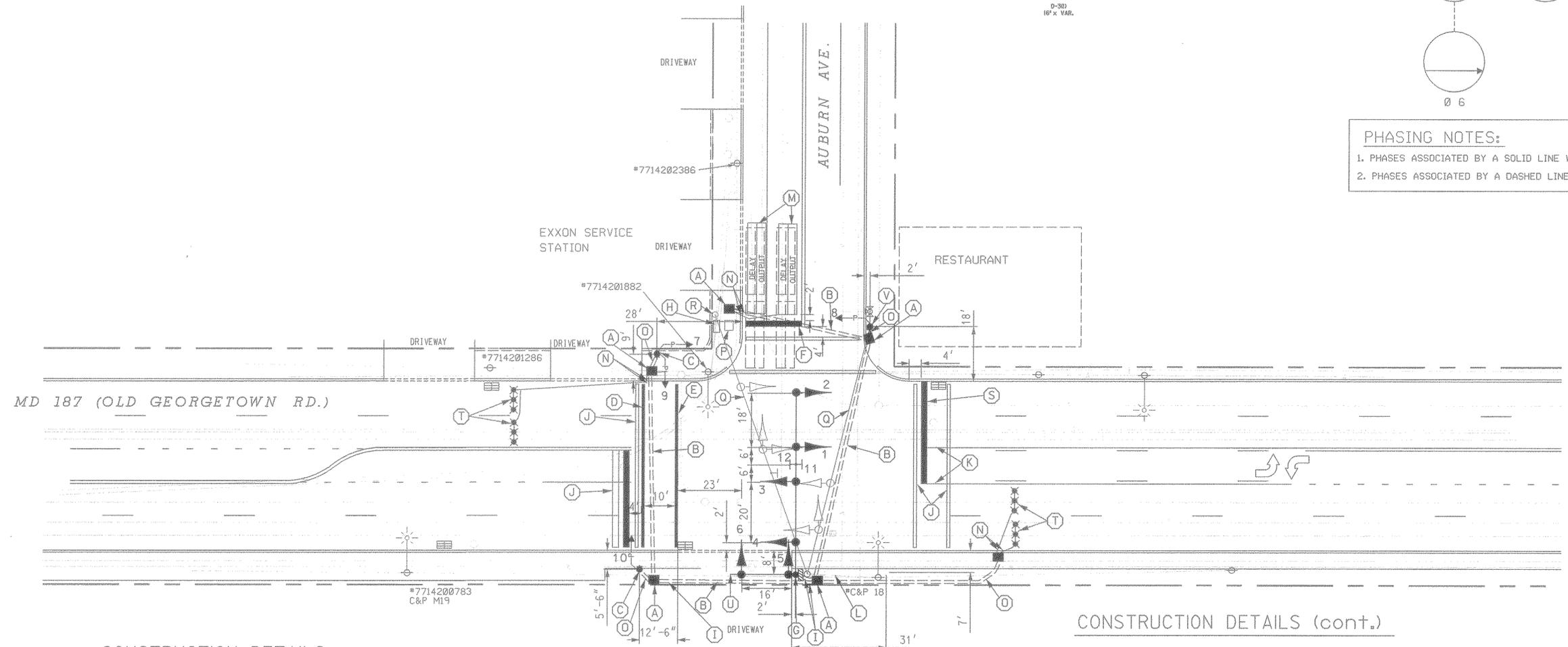
SIGNAL HEADS



NEMA PHASING



PHASING NOTES:
 1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
 2. PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

- (A) INSTALL HANDHOLE.
- (B) INSTALL 4 INCH SCHEDULE 80 POLYVINYL CHLORIDE ELECTRICAL CONDUIT - SLOTTED.
- (C) INSTALL 10 FOOT BREAKAWAY PEDESTAL POLE WITH PEDESTRIAN SIGNAL HEAD, PEDESTRIAN PUSHBUTTON AND R10-4 SIGN (NOTE: 1-2 INCH SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND).
- (D) INSTALL 12 INCH PREFORMED PAVEMENT MARKING TAPE FOR CROSSWALKS.
- (E) REMOVE EXISTING CROSSWALK AND INSTALL 12 INCH PREFORMED PAVEMENT MARKING TAPE FOR CROSSWALKS.
- (F) REMOVE EXISTING STOP BAR AND INSTALL 24 INCH PREFORMED PAVEMENT MARKING TAPE FOR STOP BARS.
- (G) REMOVE EXISTING FOUNDATION AND INSTALL 21' STEEL POLE WITH 50' AND 60' MAST ARMS, POLE MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT. (NOTE: 1-4" PVC SCHEDULE 80 CONDUIT BEND, 4-1-3/4" X 96" ANCHOR BOLTS) AND 1-3" WEATHERHEAD).
- (H) REMOVE AND SALVAGE EXISTING CABINET AND CONTROLLER. RECONSTRUCT EXISTING SIDEWALK.
- (I) INSTALL 3 INCH SCHEDULE 80 POLYVINYL CHLORIDE ELECTRICAL CONDUIT - TRENCHED.
- (J) REMOVE EXISTING PAVEMENT MARKING ANY SIZE.
- (K) INSTALL 6 INCH YELLOW PERMANENT PREFORMED PAVEMENT MARKING TAPE.
- (L) PROPOSED OVERHEAD POWER SERVICE.
- (M) INSTALL 6' X 30' QUADRUPOLE LOOP DETECTOR (3-6-3 TURNS).
- (N) INSTALL 1" LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT SLEEVE FOR LOOP DETECTOR LEAD-IN.

PRIMARY	37' - 0"
SECONDARY	27' - 0"
CABLE TV	22' - 6"
TELEPHONE	21' - 0"

CONSTRUCTION DETAILS (cont.)

- (O) INSTALL 2" PVC SCHEDULE 80 CONDUIT - TRENCHED.
- (P) REMOVE EXISTING HANDHOLE, CAP AND ABANDON CONDUIT AND REPAIR SIDEWALK.
- (Q) REMOVE SPAN WIRE, SIGNAL HEADS, ASSOCIATED WIRING AND SIGNS.
- (R) REMOVE STRAIN POLE, FOUNDATION, AND GROUND ROD.
- (S) INSTALL 24 INCH PERMANENT PREFORMED PAVEMENT MARKING TAPE FOR STOP BAR.
- (T) INSTALL MICROLOOP PROBE SET WITH 500' LEAD-IN.
- (U) CUT, CLEAN, GALVANIZED AND CAP MAST ARM.
- (V) REMOVE EXISTING STRAIN POLE AND FOUNDATION. INSTALL 10 FOOT BREAKAWAY PEDESTAL POLE WITH PEDESTRIAN SIGNAL HEAD, PEDESTRIAN PUSHBUTTON AND R10-4 SIGN (NOTE: 1-2 INCH SCHEDULE 80 POLYVINYL CHLORIDE CONDUIT BEND).

UTILITY LEGEND

— G —	GAS MAIN
— W —	WATER MAIN
— S —	SEWER MAIN
— E —	ELECTRIC CABLES
— A —	AERIAL CABLES
— T —	TELEPHONE CABLES

REVISIONS	APPROVALS								
(A) RECONSTRUCTION OF TRAFFIC SIGNAL	<table border="1"> <tr> <td>ASST. DIVISION ENGINEER, TRAFFIC</td> <td>TEDD</td> </tr> <tr> <td>ASST. DISTRICT ENGINEER, TRAFFIC</td> <td></td> </tr> <tr> <td>CHECK ENGINEER, TRAFFIC ENGINEERING DESIGN DIVISION</td> <td></td> </tr> <tr> <td>DIRECTOR, OFFICE OF TRAFFIC & SAFETY</td> <td></td> </tr> </table>	ASST. DIVISION ENGINEER, TRAFFIC	TEDD	ASST. DISTRICT ENGINEER, TRAFFIC		CHECK ENGINEER, TRAFFIC ENGINEERING DESIGN DIVISION		DIRECTOR, OFFICE OF TRAFFIC & SAFETY	
ASST. DIVISION ENGINEER, TRAFFIC	TEDD								
ASST. DISTRICT ENGINEER, TRAFFIC									
CHECK ENGINEER, TRAFFIC ENGINEERING DESIGN DIVISION									
DIRECTOR, OFFICE OF TRAFFIC & SAFETY									

LOG MILE 15018700.46

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
 MD 187 (OLD GEORGETOWN RD) & AUBURN AVE.

DATE: / /

DRAWN BY:	F.A.P. NO.	PLAN SHEET NO.:	SHEET NO.
CHECK BY:	S.H.A. NO. AW277ASE/BSE	TS-3784A	1 OF 2
SCALE: 1" = 20'	COUNTY: MONTGOMERY		